

# Central Federal Lands Highway Division

## Project Schedule and Resource Management

Version (Date): Apr. 1, 03

Activity ID: G1	Activity Title: Preliminary Geotechnical
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Activity Definition: Conduct pavement condition evaluation and investigation, and visual geotechnical survey.

Predecessor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:	Successor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:
1. Pred: P1 Rel: FS Lag: 0	1. Succ: D1 Rel: FF Lag: 0
2. Pred: Rel: Lag:	2. Succ: E2 Rel: FS Lag: 0
3. Pred: Rel: Lag:	3. Succ: G2 Rel: FS Lag: 0
4. Pred: Rel: Lag:	4. Succ: V1 Rel: FF Lag:
	On 3r Jobs
5. Pred: Rel: Lag:	5. Succ: Rel: Lag:
6. Pred: Rel: Lag:	6. Succ: Rel: Lag:

### Required Activity Tasks:

1. Roadway and/or pavement exploration.
2. Visual evaluation of soil/rock conditions.
3. Soil Survey for pavement design (borings or backhoe excavations).
4. Evaluate pavement condition.
5. Identify material sources.
6. Identify geological & geotechnical hazards.
7. Identify subexcavation areas.
8. Identify constructibility issues.
9. Laboratory tests for culverts and material sources
10. Prepare and distribute technical memo w/ prelim. design information including

- \$ Subsurface drainage recommendations
- \$ Culvert materials recommendations
- \$ Cut and fill slope recommendations
- \$ Shrink/swell recommendations
- \$ Subexcavation recommendations
- \$ Topsoil depths